

# **PATENT**

**FRENCH PETROLEUM INSTITUTE**

**NEW PARTIAL OXIDATION REACTOR**

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## **ABSTRACT**

A new type of reactor that is intended to carry out partial oxidation reactions starting from liquid feedstocks that can go from GPL to gas oil for the purpose of producing synthesis gas is described. This reactor is characterized by finely controlled hydrodynamics and a high degree of thermal integration.

Figure 1 to be published.